

02-05-02

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
329.1001-U

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**BIFUNCTIONAL ENERGY REVERSIBLE ACYL-COMPOSITIONS**

and invented by:

**GILBERT, Carl W.; MCGOWAN, Eleanor B.; BLACK, Kirby S.; and HARPER, T. Gregory P.****Is a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:**☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☐ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 41 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*  
a. ☐ Formal      b. ☒ Informal      Number of Sheets 6
4. ☒ Oath or Declaration  
a. ☐ Newly executed *(original or copy)*      ☒ Unexecuted  
b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*  
c. ☒ With Power of Attorney      ☐ Without Power of Attorney  
d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☐ Genetic Sequence Submission *(if applicable, all must be included)*  
a. ☐ Paper Copy  
b. ☐ Computer Readable Copy  
c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☐ Assignment Papers *(cover sheet & documents)*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing  
☐ First Class      ☒ Express Mail *(Specify Label No.):* EL682352630US

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**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: \_\_\_\_\_
17. ☒ Additional Enclosures *(please identify below)*:

Applicant claims small entity status.

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

8. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

2010-01-01 10:00:00

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**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	31	- 20 =	11	x \$9.00	\$99.00
Indep. Claims	2	- 3 =	0	x \$42.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$370.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$469.00

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☐ Credit any overpayment.
- ☐ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: January 31, 2002



**022856**

PATENT TRADEMARK OFFICE

  
Signature

Micheal N. Mercanti  
Registration No. 33,966

Roberts & Mercanti, L.L.P.  
EDC II  
105 Lock Street, Suite 203  
Newark, New Jersey 07103

CC:

**UNITED STATES PATENT & TRADEMARK OFFICE**

Re: Application of: GILBERT, et al.  
Serial No.: To be assigned  
Filed: Herewith  
For: **BIFUNCTIONAL ENERGY REVERSIBLE  
ACYL-COMPOSITIONS**

**SUBMISSION OF APPLICATION FOR FILING DATE**

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

January 31, 2002

Sir:

In accordance with 37 CFR 1.53 there is submitted herewith for filing in connection with the above application, and in accordance with 37 CFR 1.53 (b), for assignment of a serial number and filing date, the following:

1. A specification containing a description pursuant to 37 CFR 1.71 and at least one claim pursuant to 37 CFR 1.75.
2. The appropriate small entity filing fee, i.e. \$469.00 is not enclosed, but will be furnished with the Response to the Notice to File Missing Parts.
3. This application is not accompanied by a signed Declaration or Oath and Power of Attorney. However, a Declaration will be submitted.
4. The Declaration will set forth the names, addresses, residence and citizenship of all of the inventors, as follows:

Carl W. GILBERT  
4655 Oakleigh Manor Drive  
Powder Springs, Georgia 30127  
Citizenship: US

Eleanor B. MCGOWAN  
3062-I Spring Hill Parkway  
Smyrna, Georgia 30080-4735  
Citizenship: US

Kirby S. BLACK  
1371 Peppergrass Trail  
Acworth, Georgia 30101  
Citizenship: US

T. Gregory P. HARPER  
86 West Euclid Avenue  
Stockton, California 95204  
Citizenship: US

5. The Declaration will appoint the undersigned as attorney.

Please note the correspondence address:

ROBERTS & MERCANTI, L.L.P.  
EDC II  
105 Lock Street, Suite 203  
Newark, New Jersey 07103  
973-621-0660

6. According to the provisions of 37 CFR 1.53, a filing date should now be accorded this application, which date is the date that the above application parts are received in the Patent and Trademark Office.

Respectfully submitted,

~~ROBERTS & MERCANTI, L.L.P.~~

By: 

Michael N. Mercanti  
Reg. No. 33,966

ROBERTS & MERCANTI, L.L.P.  
EDC II  
105 Lock Street  
Suite 203  
Newark, New Jersey 07103  
(973) 621-0660

"Express Mail" mailing label no. EL 682 352 630 US

Date of Deposit: January 31, 2002

I hereby certify that this correspondence and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, in an envelope addressed to: "Assistant Commissioner for Patents, Washington, DC 20231".  
ROBERTS & MERCANTI, L.L.P.

By: 

Michael N. Mercanti  
J:\wpdoc\PATENTUSP-ACR\21\MER001-0 Submission of Application for filing.wpd

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): GILBERT, et al.

Docket No.

329.1001-U

Serial No.  
To be assignedFiling Date  
HerewithExaminer  
UnknownGroup Art Unit  
Unknown

Invention: BIFUNCTIONAL ENERGY REVERSIBLE ACYL-COMPOSITIONS

I hereby certify that the following correspondence:

Specification (41 pages) with figures (6 pages)

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

January 31, 2002

(Date)

Michael N. Mercanti

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EL682352630US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.